

BUILDING TRADES

Multi-Craft Core Curriculum



Construct Your Future

Multi-Craft Core Curriculum

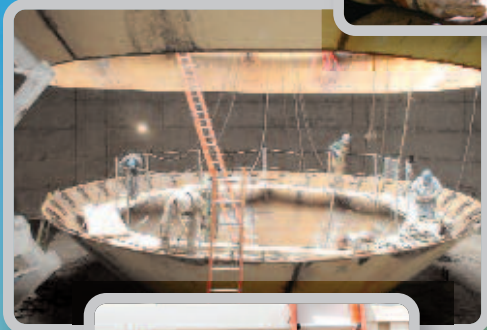
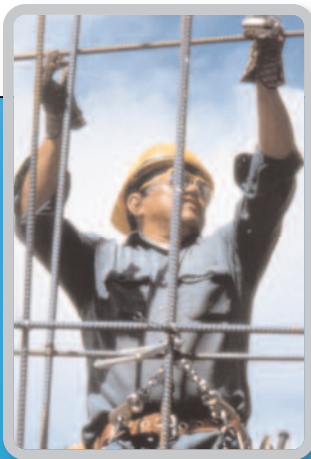
The Building and Construction Trades Department's new Multi-Craft Core Curriculum program is open for training. With a rich history of converting abandoned fields into thriving cities, of pioneering the space race and building two great nations, we're looking for ambitious students and workers to join us. The career of a lifetime begins in a day.

The sky is the limit. Many apprentices step it up and become Journeypersons, then foremen, construction managers or own their own companies. Plus they learn about our high standards for energy efficiency and for building facilities that generate new and renewed sources of clean "green" energy. It's a promising career that is attracting the attention of not only high school students and young workers, but also record numbers of graduating college students are exploring a future in the trades. Still more are pursuing their craft credentials and a college degree at the same time. The word is out—a career in the building and construction trades is a smart choice.

From finishing work and plumbing to electrical work, insulation and everything in between – students get a close-up look at the trades.

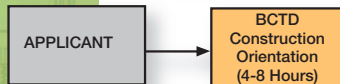
Students learn in an atmosphere geared toward their success. They work in an environment of labor and management cooperation, where master craftworkers coach them as they pick up the tools and techniques of the trades.



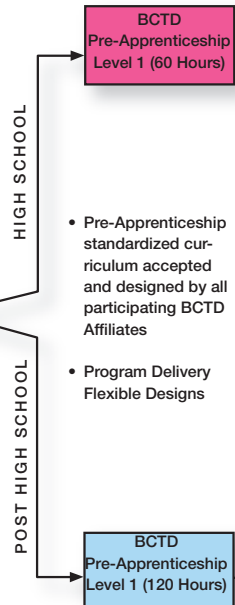


In 2007, the Building Trades National Standing Committee on Apprenticeship and Training identified courses in all building trades' apprenticeship programs that are offered in common without regard to a particular craft, a common core curriculum. The courses are: general orientation to apprenticeship; cardiopulmonary resuscitation (CPR) and first aid; the OSHA 10 hour certification course; blue-print reading; applied mathematics for construction applications; history of the construction industry and the heritage of the American worker. The general orientation course includes construction industry structure and the construction process; orientation to apprenticeship itself; tools of the various trades and the safe handling

Pre- Apprenticeship CURRICULUM	Hours
OSHA - 10 Hour	10
CPR and First Aid	8
Blueprint Reading	24
Orientation	14
Math Skills	40
Labor History	8
Industry Awareness	8
Tools and Materials	8
TOTAL	120



- Notes**
- Orientation Program designed to provide overview of the Building Trades
 - Pre-Apprenticeship program designed for either a Formal High School Track or a Post High School Track
 - Specialty Trade Curriculum to provide additional Trade-Specific Training

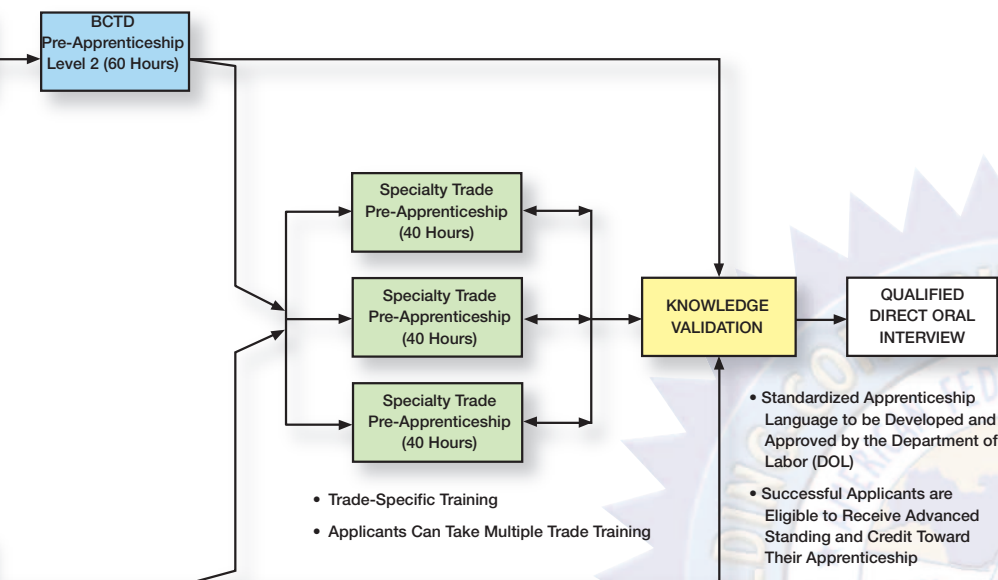


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of both hand and power tools; industry standards of work responsibility and craft excellence. Course syllabi and educational objectives have been systematically developed and from them, curriculum materials were identified and integrated into a multi-craft core curriculum. The total core includes 120 hours of class room training. 40 additional hours may be added by particular crafts as a precondition by that craft of entry with credit for the program.

The Core Curriculum will provide a gateway to post secondary education and careers in any of the Building Trades from high school or community college to joint industry registered apprenticeships.

Registered Joint Apprenticeship programs in a region, in cooperation with Building Trades Councils, will enter into articulation agreements with high schools and community colleges. Depending upon the nature of the agreement, students may enroll in the Core during the summer as rising seniors, or they may take the core in capstone courses in career education programs during the Senior year, or they may enter the core upon completion of the senior year. The core is a flexible program that may be established through such articulation agreements, or it may be offered free-standing to workers seeking to explore or enter an apprenticeship.



CRAFTS IN THE CONSTRUCTION INDUSTRY

If you come in with the right mind set, the determination to make it, to set goals, I think the opportunities are endless.

— Denise Johnson, Journeyman Electrician Wireman, IBEW

They are going to have fine skills, very marketable skills that the industry needs for tomorrow. They are going to be able to live well.

— Michael Keane, Director of Training & Technology, Sheet Metal Workers Training Institute

It takes a person who is not afraid to work hard, who is an individual who has pride in their work, who is dedicated.

— Kevin LaRue, Recruitment Manager, Finishing Institute



International Association of Heat and Frost Insulators and Allied Workers



International Brotherhood of Boilermakers, Iron Ship Builders, Blacksmiths, Forgers and Helpers



International Union of Bricklayers and Allied Craftworkers



International Brotherhood of Electrical Workers



International Union of Elevator Constructors



International Association of Bridge, Structural, Ornamental and Reinforcing Iron Workers



Operative Plasterers' and Cement Masons' International Association of the United States and Canada



International Union of Painters and Allied Trades



International Brotherhood of Teamsters



United Union of Roofers, Waterproofers and Allied Workers



Sheet Metal Workers' International Association



Laborers' International Union of North America



United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting Industry of the United States and Canada



International Union of Operating Engineers



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